



# CHAIRMAN OF THE JOINT CHIEFS OF STAFF INSTRUCTION

J6  
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CJCSI 6260.01A  
30 June 2002

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## JOINT WARRIOR INTEROPERABILITY DEMONSTRATION

### References:

- a. "C4I for the Warrior," November 1997
- b. "Joint Vision 2020," undated
- c. JWID Web Page: <http://www.jwid.js.mil>
- d. "DOD Dictionary of Military and Associated Terms," 12 April 2001 (JP 1-02)

1. Purpose. This instruction establishes guidelines and assigns responsibilities for planning and executing Joint Warrior Interoperability Demonstration (JWID).

2. Cancellation. CJCSI 6260.01, 15 September 1998 is canceled.

3. Applicability. This instruction applies to the Joint Staff, Military Services, combatant commands, and Defense agencies.

### 4. Policy

a. General. JWID is the Chairman's annual event that enables the US combatant commands and international community to investigate command, control, communications, and computers (C4) solutions that focus on relevant and timely (core) objectives for enhancing coalition interoperability. This event is conducted in a simulated operational environment to provide context for warfighter validation of those solutions. Augmenting national and regional interoperability objectives are encouraged for inclusion in JWID, but remain subordinate to the core objectives and are the responsibility of the sponsor.

(1) Coalition interoperability trials (CITs) are the activities used to address the core coalition interoperability objectives selected each year. CITs

strive to benchmark successes that can immediately support and enable the next multinational operation. The execution of trials is dependent upon the annual objectives, the host combatant command's priorities, and the desires of participating nations.

(2) The operational environment (simulated) is created by the host combatant command and provides the context for warfighter validation of the proposed interoperability solutions. In general, this consists of a US-led coalition operation with one multinational task force (MTF) staff conducting simulated coalition operations at the combatant command, component, and force execution levels.

(3) The JWID Coalition-Wide Area Network (CWAN) goal is a multinational secure multi-releasability and security domain network with mobility among domains. The Combined Federated Battle Laboratory Network (CFBLNet) provides a permanent baseline to build upon, with the capability to investigate common solutions with multinational participants. The capability to connect this network to national networks supports information superiority and steps toward the Global Information Grid (GIG).

b. Goal and Objectives

(1) The goal of JWID is to enhance coalition operations through the improvement of coalition C4 interoperability. Coalition operations must ensure maximum availability and security for sharing information. Achieving the JWID goal solves coalition interoperability deficiencies; and ensures successful solutions are replicable and usable in the field through technical assessment, security and warfighter evaluation, professional documentation, and dissemination of final products.

(2) The Joint Staff J-6, in coordination with the host combatant command, gathers, consolidates, and formulates objectives from combatant command, Combined Communications Electronics Board (CCEB), and North Atlantic Treaty Organization (NATO) issues and challenges for coalition C4 interoperability. The host combatant command prioritizes the objectives, and the Senior Management Group (SMG) recommends approval. The approval authority for the objectives is the Joint Staff J-6. Enclosure A is the baseline organization chart. Enclosure B details organizational responsibilities.

(3) Combatant command, Services, and agencies (C/S/A), CCEB, NATO, and multinational partners propose CITs to fulfill the objectives. The objectives and specific CIT selection criteria are published at the start of the JWID year in the CIT message developed by the Defense Information Systems Agency (DISA) Advanced Information Technology Services Joint Program Office (AITS-JPO) CIT and the Request for Information (RFI) Federal Business Opportunities (FBO) Announcement. Enclosure C details documents that guide JWID.

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c. JWID Management. The Joint Staff J-6 directs each JWID with support from C/S/A and multinational participants. A combatant command hosts JWID. The DISA AITS-JPO supports JWID by planning, managing, coordinating, and executing the program (with guidance from the host combatant command and Joint Staff J-6). Working groups chaired by AITS-JPO, combatant commands, and agencies will support execution and advise the Senior Management Group (SMG) (Enclosure A).

(1) Host combatant command provides the overarching warfighter guidance and oversight to JWID. Additionally, the host combatant command provides JWID planning and execution leadership, staffs a planner O-6 level member to the SMG, prioritizes the annual JWID objectives, creates an operational environment (simulated) with an MTF staff (as required), participates in execution, and chairs working groups (as required) (Enclosure B).

(2) SMG is the governing body of JWID. It is a standing planner O-6 level body responsible for making JWID planning, execution, and funding allocation decisions. The Joint Staff J-6, host combatant command, US Army, US Marine Corps, US Navy, US Air Force, DISA, and the National Imagery and Mapping Agency (NIMA) are the permanent members. The Joint Staff J-6 chairs the SMG and only votes as a tiebreaker. The National Security Agency (NSA) and Joint Interoperability Test Command (JITC) are non-voting advisors (Enclosure B).

(3) Services provide JWID planning and execution leadership, staff a planner O-6 level member to the SMG, propose or sponsor CITs in response to the CIT Message and the RFI FBO Announcement, and participate in execution (Enclosure B).

(4) Combatant commands provide, monitor, and update coalition C4 interoperability issues and challenges on the USJFCOM classified information management website. These issues and challenges should include input from sponsored multinational participants.

(5) CCEB and NATO may provide coalition C4 interoperability issues and challenges to the US Joint Staff J-6 for consideration in the establishment of annual JWID objectives, propose or sponsor CITs in response to the CIT Message RFI FBO Announcement, and participate in execution.

(6) CCEB nations and NATO participation will be by invitation from the Joint Staff J-6. Combatant commands may sponsor and invite individual nations to participate, following Joint Staff J-6 coordination and approval.

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(7) Agencies, Services, and Service laboratories offer CIT proposals in response to the CIT Message and the RFI FBO Announcement and participate in execution.

(8) Results of JWID CITs will be disseminated in the JWID Final Report posted to the USJFCOM classified information management website and the unclassified JWID web page.

d. Funding

(1) The Joint Staff, Services, and DISA provide funding in the following apportionment: Joint Staff (\$2.4 million); DISA (\$1.9 million); US Army (\$1.7 million); US Navy (\$1.7 million); US Air Force (\$1.7 million); and US Marine Corps (\$600 thousand). NIMA provides \$800 thousand in services. Funding should be provided as follows: 60 percent Research, Development Test, and Evaluation (RDT&E) and 40 percent Operations and Maintenance (O&M).

(2) Upon receipt of annual appropriations, each funding organization will forward JWID funding to the AITS-JPO for execution.

(3) The SMG allocates the JWID funding and approves the yearly spend plan. SMG will seek to hold JWID support overhead to less than 18 percent of the contributed funding.

(4) The AITS-JPO centrally manages the \$10.0 million JWID funding allocation in accordance with the SMG approved annual spend plan.

e. JWID Life Cycle

(1) JWID is a yearly event with an extended planning period that exceeds 1 year. As one yearly cycle is progressing, the following cycle starts.

(2) The JWID life cycle is shown in Enclosure D.

5. Definitions. See Glossary.

6. Responsibilities. See Enclosure B.

7. Summary of Changes. CJCSI directs emphasis of JWID to investigate C4 solutions that focus on relevant and timely objectives for enhancing coalition interoperability. CJCSI directs the annual JWID event to conduct coalition interoperability trials of technologies and capabilities with C/S/A and multinational participants. Deletes lead Service designation. Transfers day-to-day management to DISA AITS-JPO. Deletes designation and acquisition of technologies designated as Gold Nuggets. JWID remains an integral component of the C4I for the Warrior (C4IFTW) concept (reference a) and the Joint Vision 2020 conceptual template (reference b).

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8. Releasability. This instruction is approved for public release; distribution is unlimited. DOD components (to include the combatant commands), other Federal agencies, and the public may obtain copies of this instruction through the Internet from the CJCS Directives Home Page--  
<http://www.dtic.mil/doctrine>. Copies are also available through the Government Printing Office on the Joint Electronic Library CD-ROM.
9. Effective Date. This instruction is effective upon receipt.



JOHN P. ABIZAID  
Lieutenant General, USA  
Director, Joint Staff

Enclosures:

- A - Baseline Management Structure
- B - Responsibilities
- C - Documents
- D - JWID Life Cycle
- Glossary

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## ENCLOSURE A

### BASELINE MANAGEMENT STRUCTURE

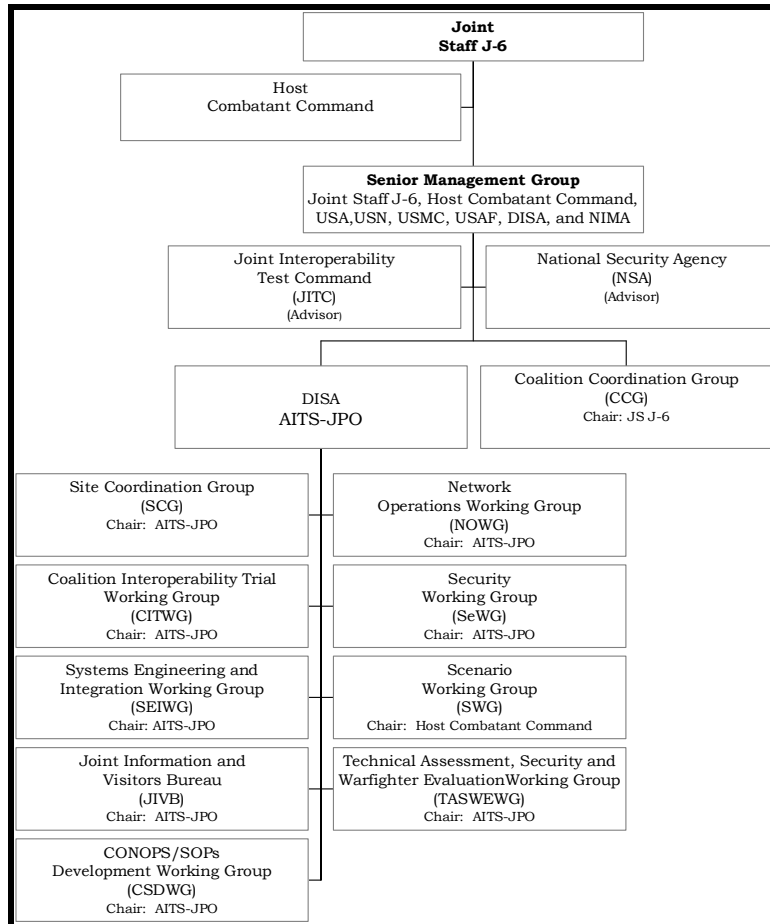


Figure A-1. JWID Baseline Management Structure

Figure A-1 depicts the baseline management structure. It is designed to optimize the planning and coordination needed between the Joint Staff J-6, host combatant command, AITS-JPO and the various working groups. Coordination groups are venues to share ideas, gain global understanding, and initiate methods to resolve issues that span multiple working groups. Working groups are expected to coordinate directly with organizations while reporting to the AITS-JPO. Organizations subordinate to working groups will be called committees. The working group chairperson is required to coordinate the committee with the SMG before it is established and incorporated as a JWID organization. The SMG must approve changes to this management structure and may establish or terminate working groups as required. The SMG will

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validate the working group structure and approve and/or appoint chairs prior to the initial planning conference each year. The working group structure will be published as part of the warning order.

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## ENCLOSURE B

## RESPONSIBILITIES

1. The Joint Staff. The Joint Staff J-6 directs each JWID with support from C/S/A and multinational participants. The Director for Command, Control, Communications, and Computer Systems (J-6), is the senior executive for JWID and has primary responsibility. Joint Staff J-6 will:

a. Advise the Chairman of the Joint Chiefs of Staff on all pertinent JWID matters.

b. Coordinate and assign host combatant command responsibilities 12 months prior to the commencement of the JWID planning cycle.

c. Coordinate with and represent the Joint Staff for all JWID activity.

d. Represent all combatant commands other than the host combatant command to the SMG.

e. Represent multinational issues to the SMG.

f. Provide Joint Staff funding (\$2.4 M) and ensure Service and/or agency funding is provided to the AITS-JPO to execute JWID.

g. Provide the Coalition Coordination Group (CCG) chairperson.

h. Provide an O-6 level SMG chairperson.

i. Prepare and extend invitations to CCEB nations and NATO to participate in JWID.

j. Coordinate and approve combatant command-sponsored invitations to other nations.

k. Finalize and approve JWID objectives in coordination with the host combatant command.

l. Review and approve message soliciting CIT proposal participation from C/S/A, CCEB, NATO, and multinational participants.

m. Review and approve the JWID RFI FBO Announcement prior to its release.

n. Review the final version of the warning order (WARNORD).

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o. Approve the JWID final report by endorsement and return the report to the AITS-JPO for publication.

p. Fully participate in JWID planning.

2. Services. Each Military Service will:

a. Provide leadership and participation in JWID.

b. Propose coalition interoperability trials, as appropriate.

c. Provide proportionate share of the \$10.0 million required JWID funding to the AITS-JPO upon receipt of annual appropriations. US Army, US Navy, and US Air Force will each provide \$1.7 million; the US Marine Corps will provide \$600 thousand.

d. Cover all JWID costs above those allotted by the SMG associated with Service-sponsored sites, transportation, travel, and per diem.

e. Cover Service-generated costs that exceed their JWID provided funding (e.g., Service-sponsored CIT proposal costs).

f. Provide an O-6 level planner representative to the SMG. The representative will coordinate all Service-sponsored JWID activities and serve as the Service's primary point of contact to the AITS-JPO.

g. Provide forces to the host combatant command to support JWID planning and setup of the simulated operational environment, as required.

h. Provide warfighter evaluators at component sites and warfighter support at respective MTF component command headquarters, as requested by the host combatant command.

i. Identify, staff, and operate Service primary site during JWID cycle. Ensure necessary CFBLNet and CWAN connectivity is available and maintained.

j. Submit CIT proposals to the AITS-JPO in accordance with the CIT message and RFI FBO Announcement.

k. Collect lessons learned from each Service activity during JWID, participate in their subsequent evaluation, and submit to AITS-JPO at the conclusion of the JWID CIT execution phase.

l. Provide technical planning, integration, facilities, equipment, software, and operating forces necessary to conduct proposed or sponsored CIT activities sponsored by the Service (including essential representation in the MTF staff) as required.

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- m. Fully participate in JWID planning and execution.
  - n. Ensure accomplishment of Service-sponsored site(s) and CIT(s) security accreditation.
3. Host Combatant Command. JWID host combatant command duties rotate on a 2-year cycle. The host combatant command will:
- a. Provide the overarching warfighter guidance and oversight to JWID to ensure JWID implementation addresses critical operational concerns.
  - b. Create an operational environment (simulated) that provides the context for warfighter evaluation resulting in a validation of the proposed interoperability solutions, as required.
  - c. In general, this will consist of a US-led coalition operation with one MTF staff conducting simulated coalition operations at the combatant command, component, and force execution levels.
  - d. Represent combatant command-sponsored coalition partner issues to the SMG.
  - e. Design the operational scenario for use during JWID, as required.
  - f. Offer, in consultation with the Joint Staff J-6, component command leadership positions to invited multinational participants.
  - g. Coordinate and submit all required frequency and satellite access requests, as required.
  - h. Assist in communications security (COMSEC) planning, as required.
  - i. Develop host combatant command transition plan with future host command.
  - j. Cover host combatant command costs that exceed the funding provided by the SMG.
  - k. Provide the operational staff (simulated) needed to plan and execute JWID.
  - l. Provide an O-6 level representative to the SMG.
  - m. Provide the chairperson for the Scenario Working Group (SWG), as required.

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n. Provide a liaison officer or engineer to the Network Operations Working Group (NOWG) during planning and to the Coalition Communications Control Center (CCCC) during execution.

o. Task appropriate subordinate forces to participate in JWID. When appropriate, identify the MTF commander platforms and any special support requirement needed for the scenario and employment during JWID.

p. Participate in development and prioritization of the annual JWID objectives.

q. Participate in the development and approval of the CIT Message, RFI FBO Announcement, CIT selection criteria, WARNORD, OPORD, Public Affairs Guidebook, after-action review (AAR) message, and final report.

r. Prepare and offer invitations to JS-approved coalition partners.

s. Maintain site drawings in a standard, electronically accessible format.

t. Approve and release AAR message.

u. Release CIT message to C/S/A soliciting candidate proposals.

v. Provide warfighter evaluation of each CIT to assist SMG in selection.

w. Concur in the proposed methodology and measures of effectiveness selected for the warfighter assessment of CITs.

x. Provide warfighter input to AITS-JPO in the preparation of JWID overview briefing and marketing materials.

y. Submit CIT proposals to the AITS-JPO in accordance with the CIT message and RFI FBO Announcement, as appropriate.

z. Collect lessons learned from all JWID activity by the command during JWID, participate in their subsequent evaluation, and submit to AITS-JPO at the conclusion of the JWID CIT execution phase.

aa. Fully participate in JWID planning, conferences, working group meetings, and execution.

bb. Ensure accomplishment of host combatant commander sponsored site(s) and CIT(s) security accreditation.

4. DISA. DISA will perform the support functions listed below. Other requested functions to support DISA AITS-JPO or host combatant command will be funded by the requesting organization.

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- a. Provide, coordinate, and integrate DISA activities through the AITS-JPO.
- b. Serve as the technical integrator for multinational participation in support of Joint Staff interests and JWID objectives.
- c. Coordinate for any modeling, simulation, and assessment capabilities necessary to support JWID.
- d. Provide Defense Information Infrastructure Common Operational Environment, Global Command and Control System, and Global Combat Support System (GCSS) software and infrastructure support, messaging, and collaboration capabilities when necessary at the primary sites.
- e. Integrate appropriate combined interoperability standards program efforts with JWID providing a synchronized approach to addressing coalition C4 interoperability issues and challenges.
- f. Provide \$1.9 million annual funding for JWID to the AITS-JPO.
- g. Cover the DISA-generated costs that exceed their JWID provided funding.
- h. Provide an O-6 level representative to the SMG.
- i. Provide support to the Joint Staff J-6 for the CCG.
- j. Provide administrative services, staff, and host facilities for SMG meetings, as required.
- k. When requested on behalf of the combatant command hosting JWID, provide the Director, CCCC. The CCCC staffing and technical support will primarily be provided by the NOWG, the host combatant command, and AITS-JPO.
- l. Provide legal review and release the RFI FBO Announcement.
- m. Submit CIT proposals to the AITS-JPO in accordance with the CIT message and RFI FBO Announcement.
- n. Collect lessons learned from all JWID activity during JWID, participate in their subsequent evaluation, and submit to AITS-JPO at the conclusion of the JWID CIT execution phase.
- o. Fully participate in JWID planning and execution.

## 5. SMG

- a. Chair. Joint Staff J-6.

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b. Membership. The SMG is a planner O-6 level, governing body. Representatives are from the Joint Staff J-6, host combatant command, Services, NIMA, and DISA. These members are permanent. The Joint Staff J-6 chairperson only votes as a tiebreaker. NSA, JITC, and AITS-JPO are permanent non-voting members of the SMG. The coordination group and working group chairpersons are advisors to the SMG.

c. Purpose

(1) The SMG is the governing body for JWID. It will resolve issues not specifically covered in this document.

(2) The SMG recommends approval of the JWID objectives and submits them to the Joint Staff J-6 for approval.

(3) The SMG is responsible for future planning. A working group may be established to investigate ways ahead.

(4) The SMG reviews and approves the annual JWID spending plan submitted by the AITS-JPO.

(5) During the year, the SMG oversees AITS-JPO JWID operations and all JWID activities.

(6) The SMG will designate sites as primary or secondary. Site types are classified as follows:

(a) Primary Site. Nominated by a C/S/A and approved by the SMG. Representatives from the primary sites must participate in appropriate working groups.

(b) Secondary Site. Nominated and fully supported by the participating organization. Does not receive JWID funding. Representatives from secondary sites must participate in appropriate working groups.

6. AITS-JPO. The DISA AITS-JPO will plan, manage, coordinate, and execute the JWID program with guidance from the host combatant command and Joint Staff J-6.

a. Collect, maintain, and use hardware and software from previous JWID cycles to the maximum extent possible.

b. Provide direct oversight to matters relating to the execution of JWID.

c. Provide support to the SMG, facilitate meetings, and support the chairperson.



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- d. Coordinate and provide security accreditation support to the US Multinational Security Accreditation Board (MSAB) representative.
- e. Coordinate and finalize all JWID objectives in support of the Joint Staff J-6 and host combatant command.
- f. With assistance from the host combatant command, design and coordinate a simulated operational environment that will support JWID goal and objectives.
- g. Request and budget for technical assistance as required.
- h. Schedule and conduct planning conferences, as required.
- i. Provide an unclassified JWID web page for the sharing of information with all participants.
- j. Provide electronic information retrieval services for previous JWID material accessible from the Internet, Non-Secure Internet Protocol Router Network (NIPRNET), SIPRNET, and CFBLNet, as appropriate.
- k. Ensure cryptographic key management services are provided for JWID, in coordination with the Joint Staff J-6 Intertheater COMSEC Package (ICP) manager.
- l. Manage, schedule, and coordinate visits by distinguished visitors to each of the sites (Joint Information Visitors Bureau (JIVB)).
- m. Ensure a seamless transition to the follow-on host combatant command.
- n. Coordinate all working group activities.
- o. Develop and submit an annual JWID spending plan to the SMG for review and approval at the Initial Planning Conference (IPC).
- p. Execute JWID funding provided by the Joint Staff, Services, and DISA to ensure costs remain within budget.
- q. Designate an O-6 level executive to direct daily JWID activity within the AITS-JPO responsible to the SMG, host combatant command, and Joint Staff J-6 for JWID matters.
- r. Provide SMG facilitation and/or secretariat (non-voting).
- s. Provide the chairperson for the Site Coordination Group (SCG).
- t. Provide the chairperson for the Coalition Interoperability Trials Working Group (CITWG).

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- u. Provide the chairperson for the JIVB.
- v. Provide the chairperson, communications planner, and technical engineer to the Network Operations Working Group (NOWG) during planning and to the CCCC during execution.
- w. Provide chairperson to the System Engineering and Integration Working Group (SEIWG).
- x. Provide the chairperson for the Security Working Group (SeWG).
- y. Provide the chairperson for the Technical Assessment, Security and Warfighter Evaluation Working Group (TASWEWG).
- z. Provide the chairperson for the CONOPS and SOP Development Working Group (CSDWG).
- aa. Provide vice chairperson to the SWG, as required.
- bb. In coordination with SMG, prepare, publish, and distribute the following JWID documents after endorsement by the host combatant command and approval of Joint Staff J-6:
  - (1) CIT proposal message (released by the host combatant command) and RFI FBO Announcement (released by DISA).
  - (2) Select and non-select letters to CIT proposals.
  - (3) WARNORD.
  - (4) OPORD.
  - (5) CIT proposal selection documentation. Collect, prepare and disseminate documentation for SMG CIT selection.
  - (6) Assessment Plan. Develop an assessment methodology for collecting data from each CIT proposal, its assessment and/or evaluation, and presentation in the final report.
  - (7) Public Affairs Guidebook.
  - (8) AAR message (released by host combatant command)
  - (9) JWID final report.
  - (10) Associated SOP, concept of operations (CONOPS), and memorandum of agreements or support agreements, as required.

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(11) Standard JWID overview briefing that orients observers on the operational capability and context of JWID.

(12) Informative materials to JWID observers and media and press, as required (JIVB).

(13) Closure plan. The closure plan is an annex from the OPORD. The plan assigns activities, responsibilities, and schedules for terminating and closing down those unique portions of the JWID network that are not part of the CFBLNet.

(14) Lessons learned from all CIT activities collected from various sources. Lead a lessons learned review. Publish results as part of the AAR message.

cc. Provide recommendations to SMG on the selection for each CIT proposal from Service and combatant commands.

dd. Submit CIT proposals in accordance with the CIT message and RFI FBO Announcement, as appropriate.

ee. Fully participate in JWID planning conferences and working group meetings.

ff. Fully participate in JWID planning and execution.

7. DISA JITC will:

a. Provide an O-6 level planner representative to the SMG that has the responsibility to advise SMG on interoperability issues and challenges.

b. Provide a vice chairperson to the TASAWWG.

c. Integrate appropriate combined interoperable test program efforts with JWID providing a synchronized approach to addressing coalition C4 interoperability issues and challenges.

d. Provide other combined interoperability test and standards services, as required.

e. Conduct an initial interoperability technical assessment of each CIT candidate and report findings to the AITS-JPO prior to CIT selection.

f. Under the Combined Interoperability Test and Standards Program, submit CIT proposals that address JWID objectives.

g. Provide support to the following working groups: NOWG, CITWG, SEIWG, CONOPS, and SOP Development Working Group (CSDWG), and SWG.

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- h. Fully participate in JWID planning and execution.
  - i. Provide interoperability technical assessment for applicable CITs.
8. NIMA. NIMA will perform the support functions listed below. Other functions as requested in support of the AITS-JPO or host combatant command must be funded by the requesting organization.
- a. Provide an O-6 level planner to the SMG.
  - b. Participate in the SEIWG to provide central management and control of all geospatial-related data bases required for JWID execution.
  - c. Collect and execute CIT requirements for imagery and geospatial information and services.
  - d. Coordinate the collection and distribution of imagery and geospatial data and products required by JWID CITs.
  - e. Provide an Imagery and Geospatial Information and Services site on the JWID CWAN.
  - f. Provide a NIMA spend plan for SMG review and approval.
  - g. Submit CIT proposals to the AITS-JPO in accordance with the CIT message and RFI FBO Announcement, as appropriate.
  - h. Fully participate in JWID planning and execution.
9. NSA. NSA will:
- a. Provide an O-6 level planner to the SMG that has the responsibility to advise SMG on security and cryptology issues.
  - b. Conduct an initial security evaluation of each CIT candidate and report findings to the AITS-JPO prior to CIT selection.
  - c. Provide vice chairperson on the SeWG. Provide information system security (INFOSEC) and defensive information operations (information assurance) expertise to support the SeWG.
  - d. Provide technical assistance to the NOWG, CITWG, and TASWEWG.
  - e. Provide security technical assessment for applicable CITs.
  - f. Submit CIT proposals to the AITS-JPO in accordance with the CIT message and RFI FBO Announcement, as appropriate.

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- g. Fully participate in JWID planning and execution.

10. Primary and Secondary Sites. Sites will:

- a. Provide a representative to the SCG.
- b. Provide a site director, engineer, and coordinator for JWID.
- c. Establish physical and information security for the site in coordination with the SeWG.
- d. Provide site facility, telecommunications, and data system technical engineering support to the NOWG.
- e. Cover all site-generated costs in excess of that allocated by the SMG.
- f. Fully participate in JWID planning and execution.
- g. Accomplish site and CIT security accreditation and provide documentation to the JWID SeWG.

11. JWID CIT Participants. Participants will:

- a. Submit CIT proposals to the AITS-JPO in accordance with the CIT message and RFI FBO Announcement.
- b. Provide a CIT participation plan (PP) in the format specified in the WARNORD for each proposal that is accepted to be an interoperability trial.
- c. Participate in JWID planning conferences.
- d. Provide information to various JWID working groups, as requested or required.
- e. Provide a CIT briefing to the SMG by mid-term planning (MP).
- f. Provide trial data to AITS-JPO for JWID lessons learned.
- g. Fund any costs associated with the JWID CIT efforts. This includes all proposal plan, set up, interconnection, execute, and tear down costs; any associated travel, transportation, and per diem costs; and any communications or networking costs that are outside the JWID primary sites or core services.
- h. Provide the appropriate level of training to the target operators and/or warfighters who will participate in the trial.
- i. Fully participate in JWID planning and execution.

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- j. Accomplish CIT accreditation and provide documentation to the SEWG.

12. Working Groups. Working groups will:

- a. General As the JWID governing body, the SMG may establish or terminate any working group. Working group members may include site representatives, CCEB, NATO, and other combatant command-sponsored nations and representatives.

- (1) The organization assigned to chair or co-chair a working group will identify the chairperson to the SMG. The chairperson is responsible to the AITS-JPO for the working group products.

- (2) The organizations assigned to provide a member to a working group will identify the member to the working group chair. A member is responsible to the working group chairperson for assigned portions of the total working group effort.

- (3) Any organization assigned as an advisor to a working group will provide subject matter expertise. Advisors are not responsible for the working group products.

- (4) Working groups report to the AITS-JPO.

- (5) All coordination and working groups support the SMG.

- b. Coalition Coordination Group

- (1) Chair. Joint Staff J-6.

- (2) Participants. JWID lead representative for participating nations, multinational organization(s), DISA, NIMA, combatant command(s), and working group members as required.

- (3) Purpose. Provide venue to share ideas, grow global understanding, and formulate, coordinate, and initiate methods to resolve issues that span multiple working groups.

- c. Site Coordination Group

- (1) Chair. AITS-JPO.

- (2) Participants. AITS-JPO chair, all site managers, or their designated representatives, and working group members as required.

- (3) Purpose. Provide venue to share ideas, grow global understanding, and initiate methods to resolve issues that span multiple working groups.

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d. Networks Operations Working Group(1) Chair. AITS-JPO.

(2) Membership. Representatives are a communications planner and technical engineer from DISA, the host combatant command, AITS-JPO, NSA, NIMA, JITC, JWID site managers, and technical advisors, as required.

(3) Purpose. Advise the SMG chairperson. Plan, engineer, implement, and operate the JWID network, to include CFBLNet, COMSEC, and satellite communications. The NOWG will form the nucleus of the CCCC.

e. Coalition Interoperability Trial Working Group(1) Chair. AITS-JPO.

(2) Membership. The membership is comprised of DISA, AITS-JPO, site engineers, host combatant command, NSA, JITC, Services, and invited multinational partners.

(3) Purpose. Coordinate planning and management of all activities involving submission, selection, and participation of JWID CIT proposals.

(a) Develop, plan, administer, and monitor conduct of CITs.

(b) Provide overall system review to assure that all aspects of JWID support are in place and functional to allow an unimpaired technical assessment, security, and warfighter evaluation of the interoperability trials.

(c) Review multinational CIT for integration into US trials or for adoption into US warfighting systems and provide an initial assessment (if appropriate).

(d) Develop recommendation for coherent package of CITs that address the core objectives.

(e) Develop detailed CIT plans, monitor execution of the plans and report on results of the trials.

(f) Conduct an initial review of CIT proposals as advisory to the SMG prior to selection of proposals.

(g) Provide CIT consultation and support to the other working groups (e.g., NOWG, TASWEWG, SeWG) and the SCG.

(h) Assist CIT sponsors with resolution of any JWID issue.

f. Security Working Group

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(1) Chair. AITS-JPO.

(2) Vice Chair. NSA.

(3) Membership. Representatives are from the AITS-JPO, NSA, Joint Staff J-6, sites, NATO, combatant commands sponsoring a coalition partner, CCEB, and participating nations with direct connectivity to JWID CWAN.

(4) Purpose. The group develops and coordinates coalition processes and facilitates and/or coordinates the security coordination to conduct activities. Security approval is between the sites and the appropriate designated approving authority (DAA). The group also develops the security policy and the security approval packet for the appropriate authorities (to include US representatives to the MSAB), submits secret and below information tickets for security guards, assists sites in obtaining SIPRNET and Defense Information Systems Network-Leading Edge Services, and CFBLNet approval.

g. Systems Engineering and Integration Working Group

(1) Chair. AITS-JPO.

(2) Membership. Representatives are from DISA, NOWG, site engineers, host combatant command, Services, NIMA (database management), and invited multinational partners.

(3) Purpose. Coordinate planning and management of all activities required to provide core information technology services; implement national C4 systems of record, as required; and monitor site preparation, leading to implementation and operation of the information infrastructure on which JWID activities can be conducted.

(a) Develop, plan, administer, and monitor conduct of information infrastructure.

(b) Provide overall information infrastructure to assure that all aspects of JWID support are in place and functional.

(c) Coordinate with sites to assure they understand the support requirements that the information infrastructure and the CIT place on them. Assist sites with preparation.

(d) Develop core system support plans, monitor execution of the plans, and report on results of the trials.

(e) Conduct a review of CIT proposals and information infrastructure requirements to assure that all data sources and data links are known and available as required, and report findings to the AITS-JPO prior to CIT select.



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(f) Provide technical and programmatic consultative service as advisory to the SMG as well as all other working groups (e.g., NOWG, TASWEWG, SeWG) SCG and CCG.

(g) Provide subject matter expertise as related to information infrastructure components and services.

h. Scenario Working Group (as required)

(1) Chair. Host combatant command.

(2) Vice-Chair. AITS-JPO.

(3) Membership. Representatives are from the host combatant command and components, supporting command staff, Services, NIMA, JITC, a TASWEWG representative, and participating nations.

(4) Purpose. As required, the group develops and provides a coherent simulated operational environment and scenario. The products developed by this group form the framework for operational relevance, enabling participants to trial and assess interoperability solutions in a realistic context.

i. Joint Information and Visitors Bureau

(1) Chair. AITS-JPO.

(2) Membership. Representatives are from AITS-JPO and JWID primary and secondary sites. Host combatant command personnel augment this group and are key members during execution.

(3) Purpose. The bureau provides planning guidance and assistance for the management of JWID publicity and public media activities. This bureau is key to the JWID image and the presentation of the JWID message.

j. Technical Assessment, Security and Warfighter Evaluation Working Group

(1) Chair. AITS-JPO.

(2) Vice Chair. JITC.

(3) Membership. Representatives are from AITS-JPO, JITC, host combatant command, NSA, and site representatives.

(4) Purpose

(a) This working group provides the Joint Staff, C/S/A, and other interested parties with an objective technical assessment, security, and

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warfighter evaluation of each CIT as to capability, interoperability, security, warfighter usability, and concept of operations.

(b) Submit for host combatant command concurrence, the warfighter evaluation methodology, identifying the operational echelon, and proposed measures of effectiveness on which the assessment will be based.

(c) Evaluations must concentrate on warfighter usability in a coalition environment to determine what a solution brings to the joint and/or coalition tool kit.

(d) Determine the number of personnel and location of personnel to conduct accurate trial assessments.

(e) Assist the CSDWG in preparing technical instructions that may have been created for, or during the execution phase.

(f) Prepare assessment and/or evaluation reports for inclusion in the final report.

(g) Validate level of detailed information provided by the CIT vendor and/or sponsor that events can be replicated by warfighters.

(h) Provide overarching analysis of natural groupings of individual assessments and evaluations culminating in comprehensive results.

k. CONOPS and SOP Development Working Group

(1) Chair. AITS-JPO.

(2) Membership. Representatives are from AITS-JPO, Services, host combatant command, Joint Staff J-6, JITC, CIT working group, site representatives, and other members, as required.

(3) Purpose. Reviews CIT proposals to determine a baseline of CONOPS and SOPs needed for execution. Captures, documents, and ensures dissemination of appropriate JWID documents to the C/S/A policy and doctrine communities. Working group facilitates the flow and back flow of information between JWID documents and existing C/S/A doctrine and policy domains. Supports the TASWEWG with CONOPS, as appropriate.

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## ENCLOSURE C

## DOCUMENTS

Table C-1 details the documents, OPOARDS, and summary documents applicable to JWID and the anticipated timing for their preparation. SMG may approve additional documentation as may be required.

<b>Event</b>	<b>Document</b>	<b>Timing</b>	<b>OPR/Preparation</b>	<b>Approval</b>
	CCEB/NATO Invitations	24 Months Prior to Execution (PTE)	Joint Staff	Joint Staff J-6
	Combatant command-sponsored Coalition invitations	15 months PTE	Combatant commander invites with JOINT STAFF concurrence	Joint Staff J-6
	JWID Objectives	12 months PTE	Combatant command, CCEB, and NATO provide input. Joint Staff J-6 collects Host combatant command prioritize SMG endorses	Joint Staff J-6
	CIT Message and RFI FBO Announcement	12 months PTE	AITS-JPO produces SMG coordinates Host combatant command releases MSG DISA releases FBO	Joint Staff J-6
	CIT Proposal Submissions	Prior IPC	AITS-JPO	SMG
	WARNORD	Week prior to IPC	AITS-JPO Joint Staff J-6 Host combatant command DISA	SMG
IPC				
	Spend Plan	IPC	AITS-JPO	SMG
	Site Designation	IPC	C/S/A	SMG
MP				
	Participation Plans (PPs)	MP	CCEB NATO Combatant commands Services Agencies	SMG

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	JWID OPORD <ul style="list-style-type: none"> <li>• Closure Plan</li> <li>• Security Plan</li> </ul>	MP	AITS-JPO Host combatant command DISA SeWG	SMG
	CIT Assessment Plan	Prior to FPC	AITS-JPO	SMG
FPC				
	JWID Public Affairs Guidebook	FPC	AITS JPO Host combatant command Multinational Participants Services	SMG
JWID Exec.				
	JWID Overview Briefing	Execution	AITS-JPO	SMG
	AAR Message	En op + 10 days	AITS-JPO DISA	Joint Staff J-6 release
	JWID Final Report, CONOPS, SOPs	End op + 60 days	AITS-JPO DISA	Host combatant command and Joint Staff J-6 by endorsement

Table C-1. JWID Documentation

1. JWID Objectives. JWID objectives are guided by inputs from combatant commands, CCEB, and NATO. Combatant commands provide input through the USJFCOM classified information management website. CCEB and NATO provide input to the Joint Staff J-6 for consideration in the creation of the annual JWID objectives. The Joint Staff J-6, in coordination with the host combatant command, gathers, consolidates, and formulates objectives from combatant command, CCEB, and NATO issues and challenges for coalition C4 interoperability. The host combatant command prioritizes the objectives, and the SMG recommends approval. The approval authority for the objectives is the Joint Staff J-6. The Joint Staff J-6 will back brief the combatant commander, J-6s, CCEB, and NATO on selected JWID objectives.

2. CIT Message and RFI FBO Announcements. These documents constitute the formal solicitations for CITs. They contain the operational (simulated) environment, objectives, selection criteria, and the proposal submission procedure references. The announcements solicit proposals from C/S/A and coalition partners.

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3. CIT Assessment Plan. The Assessment Plan is developed by the TASWEWG under the direction of the AITS-JPO. The plan details the “who,” “what,” “when,” “where,” and “why” of the JWID assessment and evaluation of CITs. Host combatant command will concur in the warfighter evaluation methodology.
4. WARNORD. Developed by the AITS-JPO, in coordination with the Joint Staff J-6 and the host combatant command, this order states what is known at the time. The WARNORD states the JWID objectives, delineates responsibilities not specified in this instruction, describes the CIT selection process, and identifies critical milestones. Suspense for publication is one week before the IPC. This document will include the SMG validated working group structure, validated terms of reference, and a list of annexes for the OPORD. This document is distributed by the SMG to the registered conference participants’ prior to the IPC. Copies will be provided by the AITS-JPO at the conference. At the conclusion of IPC, changes are posted to the WARNORD as required.
5. Participation Plan. Participating CCEB nations, NATO, and C/S/A develop their execution strategy and provide a written account that is incorporated into the OPORD. Distribution of these documents is made by the AITS-JPO electronically.
6. JWID Closure Plan. The closure plan is an annex from the OPORD developed by the AITS-JPO. The plan assigns activities, responsibilities, and schedules for terminating and closing down those unique portions of the JWID network that are not part of the CFBLNet.
7. JWID Security Plan. The security plan is an annex of the OPORD and is developed by the SeWG. It covers INFOSEC, personnel security, physical security, system accreditation, system and network approvals to operate, and other key security issues. Security agreements among all of the participants are reached in conformance with defense and national security policies.
8. JWID Transition Plan. The transition plan details the transfer of host combatant command responsibilities between combatant commands.
9. JWID Operations Order. The OPORD directive for coordinating JWID execution. This document includes PPs. It lays out the entire structure of the JWID cycle being executed. It includes the security and closure plans as annexes.
10. JWID Public Affairs Guidebook. Serves as the sole source reference document for observers. It contains the objectives, a description of the simulated operational environment, and a synopsis of each trial. It also includes an overview of each JWID site, descriptions of the communications architecture, and a calendar. Copies are available at selected sites and on the JWID web page.

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11. AAR. The AAR is a message to JWID community that details the lessons learned in the just completed JWID execution period.

12. JWID Final Report. The final report is an executive summary of JWID activities. This report specifies all deliverables, including the detailed CIT Assessment Report, CONOPS, SOPS, and how they may be obtained. A copy is submitted to the Joint Staff for inclusion in the Joint Lessons Learned Library. This report is distributed electronically on the JWID web page.

## ENCLOSURE D

### JWID LIFE CYCLE

Figure D-1 depicts the JWID Life Cycle for the annual JWID event. It is an approximate 24-month cycle from initial concept development and multinational invitations to results distribution.

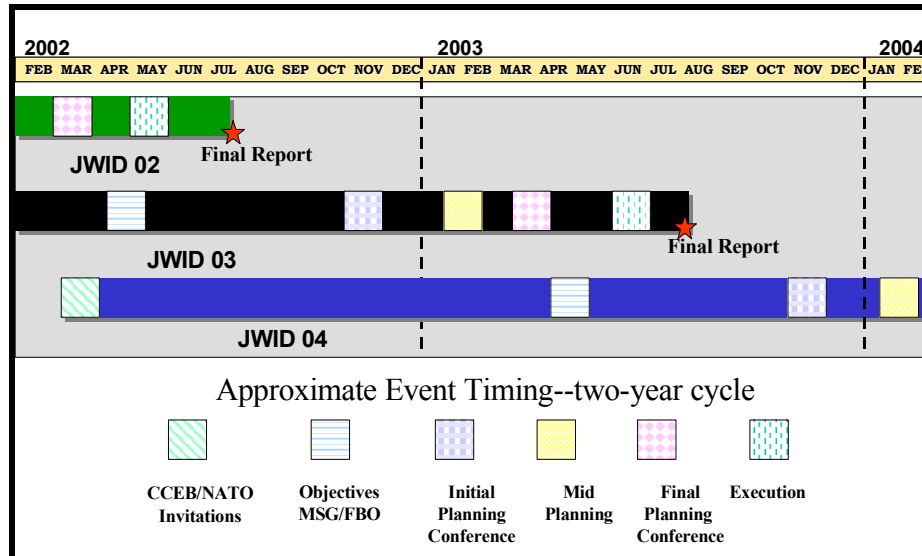


Figure D-1. JWID Life Cycle

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## GLOSSARY

## PART I – ABBREVIATIONS AND ACRONYMS

AAR	after action report*
AITIS-JPO	Advanced Information Technology Services-Joint Program Office*
C4	command, control, communications, computers*
C4I	command, control, communications, computers, intelligence*
C4IFTW	C4I for the Warrior
CCCC	Coalition Communications Control Center
CCEB	Combined Communications-Electronics*
CCG	Coalition Coordination Group
CIT	Coalition Interoperability Trial
CITWG	Coalition Interoperability Trials Working Group
CJCS	Chairman of the Joint Chiefs of Staff*
CJCSI	Chairman of the Joint Chiefs of Staff Instruction*
COMSEC	communications security*
CONOPS	concept of operations*
(C/S/A)	Combatant command, Services, and agencies
CSDWG	CONOPS/SOPs Development Working Group
CWAN	Coalition-Wide Area Network
DISA	Defense Information Systems Agency*
DAA	designated approving authority
FBO	Federal Business Opportunities
FPC	Final Planning Conference
GCSS	Global Combat Support System
GIG	Global Information Grid
INFOSEC	information security*
IPC	Initial Planning Conference
JITC	Joint Interoperability Test Command*
JIVB	Joint Information and Visitors Bureau
JWID	Joint Warrior Interoperability Demonstration*
MP	mid-term planning
MSAB	Multinational Security Accreditation Board

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MTF	multinational task force
NATO	North Atlantic Treaty Organization*
NIMA	National Imagery and Mapping Agency*
NIPRNET	Non-Secure Internet Protocol Router Network
NOWG	Network Operations Working Group
NSA	National Security Agency*
O&M	Operations and Maintenance
OPORD	operations order*
PP	participation plan
PTE	prior to execution
RDT&E	Research, Development Test, and Evaluation
RFI	request for information*
SCG	Site Coordination Group
SEIWG	Systems Engineering Integration Working Group
SeWG	Security Working Group
SIPRNET	SECRET Internet Protocol Router Network*
SMG	Senior Management Group
SOP	standard operating procedure*
SWG	Scenario Working Group
TASWEWG	Technical Assessment, Security and Warfighter Evaluation Working Group
WARNORD	warning order

\*Source: "Dictionary of Military and Associated Terms, 12 Apr 01, (JP 1-02)

## PART II – TERMS AND DEFINITIONS

Agencies. Defense Information Systems Agency (DISA); National Security Agency (NSA); National Imagery and Mapping Agency (NIMA).

alliance. An alliance is the result of formal agreements (i.e., treaties) between two or more nations for broad, long-term objectives that further the common interests of the members. See also coalition; multinational. (JP 1-02).

capability. The ability to execute a specified course of action (JP 1-02), i.e. CIT.

CFBLNet. CFBLNet is the network of choice that provides the environment for C4ISR RDT&E to explore, promote, and confirm coalition capabilities and interoperability solutions. CFBLNet is vital to all existing and future CWANs.

coalition. An ad hoc arrangement between two or more nations for common action. See also alliance; multinational. (JP 1-02).

combined. Between two or more forces or agencies of two or more allies. (When all allies or services are not involved, the participating nations and services shall be identified, e.g., combined navies.) See also joint. (JP 1-02).

combatant commands. US Joint Forces Command (USJFCOM), US Central Command (USCENTCOM), US European Command (USEUCOM), US Northern Command (USNORTHCOM), US Pacific Command (USPACOM), US Special Operations Command (USSOCOM), US Southern Command (USSOUTHCOM), US Space Command (USSPACECOM), US Strategic Command (USSTRATCOM), and US Transportation Command (USTRANSCOM).

concept of operations (CONOPS). Establishes the degree the capability fits in the current CONOPS as appropriate, or documents the necessary changes to the CONOPS to incorporate the capability or interoperability solution.

interoperability. The condition achieved among communications-electronic (CE) systems or items of CE equipment when information or services can be exchanged directly and satisfactorily between them and/or their users (JP 1-02). The degree of interoperability should be defined when referring to specific cases.

Joint. Connotes activities, operations, organizations, etc., in which elements of two or more Military Departments participate. (JP 1-02).

multinational. Between two or more forces or agencies of two or more nations or coalition partners. See also alliance; coalition. (JP 1-02).

Services. US Army, US Marine Corps, US Navy, and US Air Force.

security. Measures taken by a military unit, activity, or installation to protect itself against all acts designed to, or which may, impair its effectiveness (JP 1-02).

usability. Measure of ease of use. This relates to human factors and doctrinal concepts.